

CERTIFICATE

Issued to:
Applicant:
Signify Netherlands B.V.
High Tech Campus 48
5656 AE Eindhoven, The Netherlands

Licensee:
Signify Netherlands B.V.
High Tech Campus 48
5656 AE Eindhoven, The Netherlands

Product : Electronic controlgear for LED modules
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium 20W WH 0.15-0.5A 54V SR Is 230V,
Xitanium 36W WH 0.3-1.05A 54V SR Is 230V and
Xitanium 50W WH 0.7-1.5A 54V SR Is 230V

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 947556

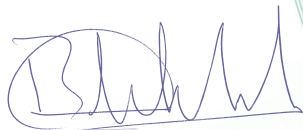
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 15 June 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-119477

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



M. Triulzi
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 20W WH 0.15-0.5A 54V SR Is 230V, Xitanium 36W WH 0.3-1.05A 54V SR Is 230V and Xitanium 50W WH 0.7-1.5A 54V SR Is 230V
Primary voltage	: 220-240 V; 186-250 V
Nature of supply	: alternate current; direct current
Rated frequency	: 50/60 Hz; 0 Hz
Primary current	: From 0,11 to 0,27 A for a.c.; from 0,13 to 0,32 A for d.c.
Type of load	: LED modules, power LED
Secondary current	: From 0,54 to 1,5 A
Secondary power	: From 20 to 50 W
Classification	: Independent, built-in

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 350033600.

Additional information

For specific Model/Type electrical ratings refer to following page.

DEKRA test report No. 3500336.270 and 3500336.271 are laid down in DEKRA test file 350033600; they contain test results. DEKRA test report No. 3500336.270 contains critical component list.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 854975.

General product information: The device is intended to supply high power COBs or LED modules by the following primary voltage: 220-240 V (operating range 198-264 V), 50/60 Hz; 186-250 Vdc, 0 Hz (operating range 167-275 Vdc). The stabilized output current can be set an operative area by SimpleSet AOC (Adjustable Output Current). The output power can be up to Pout max with proportionate values of Iin and power factor. Dimming is possible through the DA+/DA- terminals; the dimming range is 1%...100%.

Type/s	Input power (W)	ac/*dc input current (A)	Power Factor	Max. output power (W)	Max. output current (A)	U _{OUT} (V)	ta (°C)	tc (°C)	Thermal protection (°C) [1]
Xitanium 50W WH 0.7-1.5A 54V SR Is 230V	60	0,27 *0,32	0,9 C	50	1,5	60	-20...55	90	110
Xitanium 36W WH 0.3-1.05A 54V SR Is 230V	44	0,19 *0,22	0,9 C	36	1,05	60	-20...55	85	110
Xitanium 20W WH 0.15-0.5A 54V SR Is 230V	24	0,11 *0,13	0,9 C	20	0,54	60	-20...55	75	110

Note: [1] – overheating protection (C.5.a type)

Electrical connection		
Supply	L, N	Screw-less terminal block 0,75-2,5 mm ² ; 0,5-2,5 mm ² (Built-in use)
looping through earth E	E	Screw-less terminal block 0,75-2,5 mm ²
Wired control	DA+, DA-	Screwless terminal block 0,5-1,5 mm ²
Wireless setting	SimpleSet	Internal antenna
Load	LED+, LED-	Screw terminal block 0,5-1,5 mm ²